SEQUENCE LISTING

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      Elghanian, Robert
      Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
      AND USES THEREFOR

<130> 4149-1-1-1-1

<140> Not Yet Assigned
<141> 2000-06-26

<150> 60/031,809
<151> 1996-07-29

<150> PCT/US97/12783
<151> 1997-07-21

<150> 09/240,755
<151> 1999-01-29

<150> 09/344,667
<151> 1999-06-25

<150> 60/200,161
<151> 2000-04-26

<160> 64

<170> PatentIn Ver. 2.1

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<210> 2
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<400> 2
atggcaacta tacgcgctag                                            20


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<400> 3
ccttgagatt tccctc                                                16


<210> 4
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gagggaaatc tcaagg                                                16


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aacttgcgct aatggcga   18

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aagttgcgct ttacggctaa tggcga   26

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<400> 7
tctccttccc ttttc   15

<210> 8
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gaaaagggaa ggaga   15

<210> 9
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synthetic sequence

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<210> 11
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<400> 12
cctatcgacc atgct   15

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<210> 13
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agcatggtcg ataggaaacg actctagcgc                                          30


<210> 14
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<400> 14
gcgctagagt cgttt                                                          15


<210> 15
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<400> 15
agcatggtcg ataggatggc aactatacgc                                          30


<210> 16
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<400> 16
gtcgatagga aacgactcta gcgc                                            24


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<400> 17
agcatggttg ataggaaacg actctagcgc                                      30


<210> 18
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agcatgtttg ataggaaacg actctagcgc                                      30


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tctcaactcg ta                                                         12


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<400> 20
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<210> 22
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<210> 23
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<210> 24

<211> 24
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tacgagttga gactcctgaa tgcg   24

<210> 25
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<400> 26
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<400> 27

tacgagttga gaatcctgaa tgcg   24

<210> 28
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<400> 28
taggacttac gc   12

<210> 29
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<400> 29
tacgagttga gaccgttaag acgaggcaat catgcaatcc tgaatgcg   48

<210> 30
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<220>
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<400> 30
tgcatgattg cctcgtctta acgg   24

<210> 31
<211> 72
<212> DNA
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<220>

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<400> 31
tacgagttga gaccgttaag acgaggcaat catgcatata ttggacgctt tacggacaac 60
atcctgaatg cg   72

<210> 32
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<400> 32
gttgtccgta aagcgtccaa tatatgcatg attgcctcgt cttaacgg   48

<210> 33
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<400> 33
tctcaactcg ta   12

<210> 34
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<400> 34
tacgagttga gaatcctgaa tgcg   24

<210> 35

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<400> 35
cgcattcagg at                                                    12


<210> 36
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<213> anthrax

<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
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<210> 37
<211> 15
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<400> 37
taacaataat ccctc                                                 15


<210> 38
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<400> 38
atccttatca atatt                                                 15
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<210> 39
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<400> 39
tgagcctcct taactactga ctcatccgcc                                    30


<210> 40
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<400> 40
tgttgacgaa ttaattactt ctcta                                         25


<210> 41
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<400> 41
tataaccctg gataatattt ttcttat                                       27


<210> 42
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<210> 43
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<400> 43
tctcaactcg taaaaaaaaa aa   22

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<212> DNA
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<400> 44
tacgagttga gaatcctgaa tgcg   24

<210> 45
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<400> 45
aaaaaaaaaa cgcattcagg at   22

<210> 46
<211> 22
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13

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<210> 47
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aaaaaaaaaa cgcattcagg at                                    22


<210> 48
<211> 24
<212> DNA
<213> Artificial Sequence

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<400> 48
tacgagttga gaatcctgaa tgcg                                  24


<210> 49
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<400> 49
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<210> 50
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cgcattcagg at   12

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<400> 51
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cgcattcagg atwwwwwwww wwwwwwwwww ww   32

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<400> 53
atcctgaatg cg   12

<210> 54
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atcctgaatg cg   12

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<213> Artificial Sequence

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<400> 55
aaaaaaaaaa aaaaaaaaaa   20

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<400> 56
ggattattgt taattattga taaggat   27

<210> 57
<211> 12
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<400> 57
taacaatnat cc   12

16

<210> 58
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<400> 58
atccttatca atatt   15

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tctcaactcg ta   12

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tacgagttga gaatcctgaa tgcg   24

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<400> 61
gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat   48

<210> 62
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
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<400> 62
gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at   72

<210> 63
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<400> 63
tgcatgattg cctcgtctta acgg   24

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